

LAMPIRAN

Lampiran A Uji Chow

Redundant Fixed Effects Tests
Equation: Untitled
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	19.448810	(6,59)	0.0000
Cross-section Chi-square	76.383993	6	0.0000

Cross-section fixed effects test equation:
Dependent Variable: LOG_G
Method: Panel Least Squares
Date: 07/14/21 Time: 17:30
Sample: 2009 2018
Periods included: 10
Cross-sections included: 7
Total panel (balanced) observations: 70

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2.246137	0.306405	7.330609	0.0000
IQI	0.666268	0.034881	19.10127	0.0000
LOG_GOV	0.513153	0.020786	24.68775	0.0000
LOG_FDI	0.012137	0.004769	2.544829	0.0133
LOG_POP	-0.541123	0.016647	-32.50590	0.0000
R-squared	0.994363	Mean dependent var		8.974902
Adjusted R-squared	0.994016	S.D. dependent var		1.222008
S.E. of regression	0.094533	Akaike info criterion		-1.810984
Sum squared resid	0.580873	Schwarz criterion		-1.650377
Log likelihood	68.38444	Hannan-Quinn criter.		-1.747189
F-statistic	2866.248	Durbin-Watson stat		0.689726
Prob(F-statistic)	0.000000			

Lampiran B Uji Hausman

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	33.194395	4	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
IQI	0.114818	0.381957	0.007505	0.0020
LOG_GOVC	0.943069	0.698514	0.002217	0.0000
LOG_FDI	0.007763	0.009931	0.000001	0.0248
LOG_POP	-1.659903	-0.680975	0.102634	0.0022

Cross-section random effects test equation:

Dependent Variable: LOG_G

Method: Panel Least Squares

Date: 07/14/21 Time: 17:31

Sample: 2009 2018

Periods included: 10

Cross-sections included: 7

Total panel (balanced) observations: 70

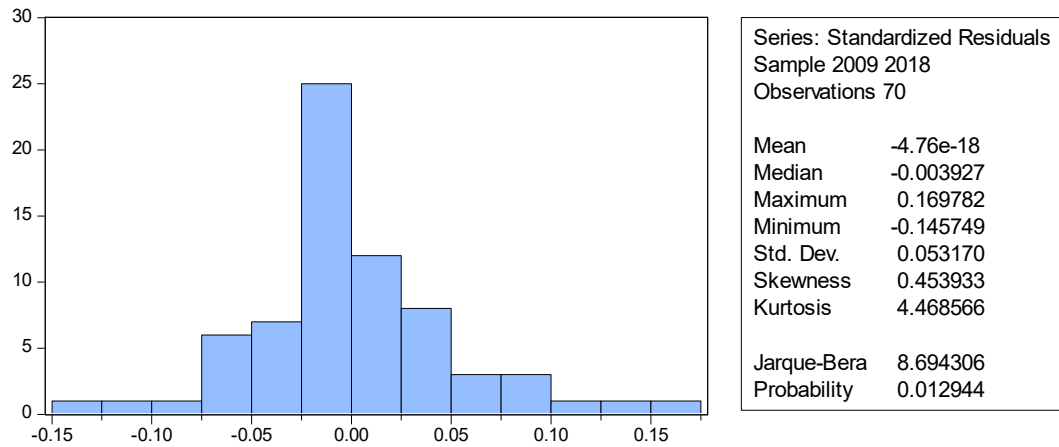
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	14.03806	4.514883	3.109285	0.0029
IQI	0.114818	0.111552	1.029276	0.3076
LOG_GOVC	0.943069	0.060785	15.51475	0.0000
LOG_FDI	0.007763	0.003135	2.476344	0.0162
LOG_POP	-1.659903	0.322105	-5.153300	0.0000

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.998107	Mean dependent var	8.974902
Adjusted R-squared	0.997786	S.D. dependent var	1.222008
S.E. of regression	0.057499	Akaike info criterion	-2.730755
Sum squared resid	0.195065	Schwarz criterion	-2.377420
Log likelihood	106.5764	Hannan-Quinn criter.	-2.590406
F-statistic	3110.619	Durbin-Watson stat	0.944860
Prob(F-statistic)	0.000000		

Lampiran C Uji Normalitas OLS



Lampiran D Uji Multikolinearitas OLS

	IQI	LOG_GOVC	LOG_FDI	LOG_POP
IQI	1.000000	-0.223764	0.057742	-0.719531
LOG_GOVC	-0.223764	1.000000	0.490516	0.734533
LOG_FDI	0.057742	0.490516	1.000000	0.399813
LOG_POP	-0.719531	0.734533	0.399813	1.000000

Lampiran E Uji Heteroskedastisitas OLS

Dependent Variable: REABS
 Method: Panel Least Squares
 Date: 07/14/21 Time: 17:32
 Sample: 2009 2018
 Periods included: 10
 Cross-sections included: 7
 Total panel (unbalanced) observations: 69

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.593218	2.175319	-0.272704	0.7860
IQI	-0.013524	0.052996	-0.255192	0.7995
LOG_GOVC	-0.021224	0.030219	-0.702320	0.4853
LOG_FDI	0.003405	0.005598	0.608214	0.5454
LOG_POP	0.065981	0.153548	0.429709	0.6690

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.507224	Mean dependent var	0.038746
Adjusted R-squared	0.422263	S.D. dependent var	0.035933
S.E. of regression	0.027313	Akaike info criterion	-4.217760
Sum squared resid	0.043267	Schwarz criterion	-3.861598
Log likelihood	156.5127	Hannan-Quinn criter.	-4.076459
F-statistic	5.970063	Durbin-Watson stat	1.626284
Prob(F-statistic)	0.000004		

Lampiran F Hasil Estimasi Regresi OLS

Dependent Variable: LOG_G
 Method: Panel Least Squares
 Date: 07/14/21 Time: 17:30
 Sample: 2009 2018
 Periods included: 10
 Cross-sections included: 7
 Total panel (balanced) observations: 70

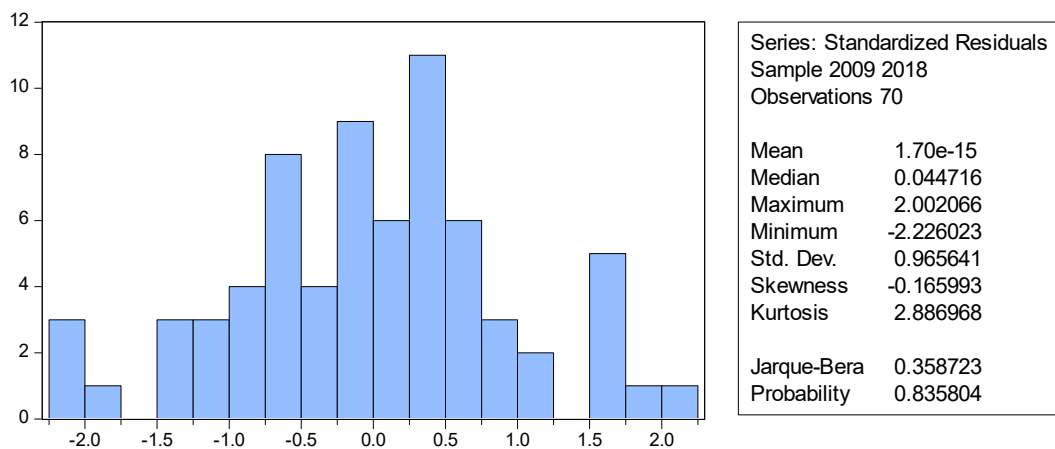
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	14.03806	4.514883	3.109285	0.0029
IQI	0.114818	0.111552	1.029276	0.3076
LOG_GOVC	0.943069	0.060785	15.51475	0.0000
LOG_FDI	0.007763	0.003135	2.476344	0.0162
LOG_POP	-1.659903	0.322105	-5.153300	0.0000

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.998107	Mean dependent var	8.974902
Adjusted R-squared	0.997786	S.D. dependent var	1.222008
S.E. of regression	0.057499	Akaike info criterion	-2.730755
Sum squared resid	0.195065	Schwarz criterion	-2.377420
Log likelihood	106.5764	Hannan-Quinn criter.	-2.590406
F-statistic	3110.619	Durbin-Watson stat	0.944860
Prob(F-statistic)	0.000000		

Lampiran G Uji Normalitas GLS



Lampiran H Uji Multikolinearitas GLS

	IQI	LOG_GOVC	LOG_FDI	LOG_POP
IQI	1.000000	-0.223764	0.057742	-0.719531
LOG_GOVC	-0.223764	1.000000	0.490516	0.734533
LOG_FDI	0.057742	0.490516	1.000000	0.399813
LOG_POP	-0.719531	0.734533	0.399813	1.000000

Lampiran I Hasil Estimasi Regresi GLS

Dependent Variable: LOG_G
Method: Panel EGLS (Cross-section SUR)
Date: 07/14/21 Time: 17:04
Sample: 2009 2018
Periods included: 10
Cross-sections included: 7
Total panel (balanced) observations: 70
Linear estimation after one-step weighting matrix

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	12.04354	1.376483	8.749502	0.0000
IQI	0.098556	0.014436	6.827238	0.0000
LOG_GOVC	0.919065	0.016090	57.12009	0.0000
LOG_FDI	0.005626	0.001422	3.956406	0.0002
LOG_POP	-1.502038	0.097421	-15.41798	0.0000

Effects Specification

Cross-section fixed (dummy variables)

Weighted Statistics

R-squared	0.999974	Mean dependent var	386.0698
Adjusted R-squared	0.999969	S.D. dependent var	480.9992
S.E. of regression	1.044273	Sum squared resid	64.33987
F-statistic	225247.1	Durbin-Watson stat	1.830708
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.998071	Mean dependent var	8.974902
Sum squared resid	0.198789	Durbin-Watson stat	0.840235

Lampiran J Tabulasi Data

Negara	Tahun	Log G	IQI	Log GOVC	Log FDI	Log POP
Indonesia	2009	7,72	4,52	24,67	22,31	19,29
Indonesia	2010	8,05	4,51	24,94	23,45	19,30
Indonesia	2011	8,20	4,55	25,12	23,75	19,32
Indonesia	2012	8,21	4,62	25,16	23,78	19,33
Indonesia	2013	8,20	4,66	25,19	23,87	19,34
Indonesia	2014	8,16	4,78	25,15	23,95	19,36
Indonesia	2015	8,11	4,71	25,15	23,71	19,37
Indonesia	2016	8,18	4,82	25,21	22,24	19,38
Indonesia	2017	8,25	4,83	25,25	23,74	19,39
Indonesia	2018	8,27	4,85	25,27	23,66	19,41
Philippines	2009	7,55	4,46	23,57	21,45	18,34
Philippines	2010	7,70	4,46	23,73	20,79	18,36
Philippines	2011	7,80	4,55	23,85	21,42	18,38
Philippines	2012	7,90	4,62	24,06	21,89	18,39
Philippines	2013	7,96	4,70	24,15	22,04	18,41
Philippines	2014	7,99	4,81	24,17	22,47	18,43
Philippines	2015	8,01	4,76	24,23	22,45	18,44
Philippines	2016	8,03	4,65	24,30	22,84	18,46
Philippines	2017	8,05	4,66	24,34	23,05	18,47
Philippines	2018	8,09	4,65	24,46	23,02	18,49
Thailand	2009	8,35	4,68	24,53	22,58	18,02
Thailand	2010	8,53	4,65	24,71	23,41	18,02

Negara	Tahun	Log G	IQI	Log GOVC	Log FDI	Log POP
Thailand	2011	8,61	4,72	24,82	21,63	18,03
Thailand	2012	8,68	4,74	24,90	23,28	18,03
Thailand	2013	8,73	4,71	24,95	23,49	18,04
Thailand	2014	8,69	4,70	24,96	22,33	18,04
Thailand	2015	8,67	4,67	24,95	22,91	18,05
Thailand	2016	8,70	4,68	24,97	21,97	18,05
Thailand	2017	8,79	4,73	25,03	22,84	18,05
Thailand	2018	8,90	4,71	25,13	23,30	18,06
Vietnam	2009	7,10	4,47	22,54	22,75	18,28
Vietnam	2010	7,18	4,43	22,66	22,80	18,29
Vietnam	2011	7,33	4,46	22,80	22,73	18,30
Vietnam	2012	7,46	4,47	22,95	22,85	18,31
Vietnam	2013	7,54	4,50	23,08	22,91	18,32
Vietnam	2014	7,62	4,52	23,18	22,94	18,33
Vietnam	2015	7,64	4,59	23,23	23,19	18,34
Vietnam	2016	7,69	4,67	23,32	23,26	18,35
Vietnam	2017	7,77	4,66	23,40	23,37	18,37
Vietnam	2018	7,85	4,64	23,49	23,46	18,38
Malaysia	2009	8,89	5,19	24,00	18,56	17,14
Malaysia	2010	9,11	5,32	24,19	23,11	17,16
Malaysia	2011	9,25	5,29	24,40	23,44	17,17
Malaysia	2012	9,29	5,31	24,50	22,91	17,19
Malaysia	2013	9,30	5,36	24,52	23,15	17,20
Malaysia	2014	9,33	5,48	24,53	23,09	17,21

Negara	Tahun	Log G	IQI	Log GOVC	Log FDI	Log POP
Malaysia	2015	9,21	5,38	24,40	23,01	17,23
Malaysia	2016	9,19	5,32	24,36	23,32	17,24
Malaysia	2017	9,24	5,28	24,38	22,96	17,25
Malaysia	2018	9,34	5,48	24,48	22,84	17,27
Singapura	2009	10,57	6,46	23,68	23,88	15,42
Singapura	2010	10,76	6,47	23,87	24,74	15,44
Singapura	2011	10,89	6,47	23,97	24,62	15,46
Singapura	2012	10,92	6,57	23,99	24,74	15,49
Singapura	2013	10,95	6,54	24,12	24,89	15,50
Singapura	2014	10,96	6,57	24,14	24,95	15,51
Singapura	2015	10,93	6,59	24,17	24,97	15,53
Singapura	2016	10,95	6,61	24,21	24,98	15,54
Singapura	2017	11,02	6,62	24,27	25,31	15,54
Singapura	2018	11,10	6,64	24,35	25,23	15,55
Brunei Darussalam	2009	10,24	5,74	21,64	19,60	12,86
Brunei Darussalam	2010	10,47	5,71	21,83	19,99	12,87
Brunei Darussalam	2011	10,76	5,71	21,97	20,35	12,88
Brunei Darussalam	2012	10,77	5,62	21,98	20,58	12,90
Brunei Darussalam	2013	10,71	5,63	22,02	20,47	12,91
Brunei Darussalam	2014	10,64	5,62	22,02	20,16	12,92
Brunei Darussalam	2015	10,35	5,56	21,90	18,96	12,94
Brunei Darussalam	2016	10,21	5,51	21,82	0,00	12,95
Brunei Darussalam	2017	10,26	5,57	21,89	19,96	12,96
Brunei Darussalam	2018	10,36	5,63	21,91	20,06	12,97